

MISSOURI SHOW-ME STATE STANDARDS CROSS-WALK WITH TECHNOLOGICAL LITERACY STANDARDS 2002 v. 2.1

Show-Me							Sta	anda	rds f	or Te	chn	olog	ical I	_iter	асу						
Standards Goal 1	Sta	andar	d 1					Stand	dard 2						Stand	dard 3	3		Stand	lard 4	ţ.
	J	K	М	W	Х	Υ	Z	AA	BB	CC	DD	EE	FF	G	Н	ı	J	Н	I	J	K
Goal 1: Acquire the knowledge & skills to gather, analyze & apply informative ideas			_																		
Develop questions & ideas to initiate & refine research														X	Х	х	х	X	X		
Conduct research to answer questions & evaluate information & ideas														X	х	х	х	х	Х		
Design & conduct field & laboratory investigations to study nature & society														X	Х	х	х	Х	X		
Use technological tools & other resources to locate, select & organize information														X	х	х	х		Х		
Comprehend & evaluate written, visual & oral presentations & works														X	Х	х	х		X		
Discover & evaluate patterns & relationships in information, ideas & structures														X	х	x	x		Х		
Evaluate accuracy of information & reliability of sources														X	Х	Х	х	Х	X		
Organize data, information & ideas into useful forms (including charts, graphs, out-lines) for analysis or presentation														X	x	x	x	x	x		
Identify, analyze & compare institutions, traditions & art forms of past & present societies														X	х	х	х		х		
Apply acquired information, ideas & skills to different contexts as students, workers, citizens & consumers														X	x	x	x		x		

Show-Me							St	and	ards	for	Tec	hnol	ogic	al L	itera	су						
Standards Goal 1		,	Stand	dard	5		Sta	andaı	rd 6				Sta	andaı	rd 7				;	Stand	dard	8
	G	Н	I	J	K	L	Н	I	J	G	Н	ı	J	K	L	М	N	0	Н	I	J	K
Goal 1: Acquire the knowledge & skills to gather, analyze & apply informative ideas																						
Develop questions & ideas to initiate & refine research	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
Conduct research to answer questions & evaluate information & ideas	х		х		х	х	х	х	х	х	х	х	х	х	х	х	х	х	х			
Design & conduct field & laboratory investigations to study nature & society	х		х		х	х	х	х	х	х	х	х	х	х	х	х	х	х	х			
Use technological tools & other resources to locate, select & organize information	х		х		х	х	х	х	х	х	х	х	х	х	х	х	х	х	х			
Comprehend & evaluate written, visual & oral presentations & works	х				х		х	х	х	х	х	х	х	х	х	х	х	х	х			
Discover & evaluate patterns * relationships in information, ideas & structures	х				х		х	х	х	х	x	x	x	х	х	x	х	х	x			
7. Evaluate accuracy of information & reliability of sources	Х		Х		Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х			
Organize data, information & ideas into useful forms (including charts, graphs, out-lines) for analysis or presentation	x		x		x		x	x	x	x	x	x	x	x	x	x	x	x	x			
Identify, analyze & compare institutions, traditions & art forms of past & present societies	х				x		х	x	х	х	х	х	х	x	х	х	х	x	х			
Apply acquired information, ideas & skills to different contexts as students, workers, citizens & consumers	x		x		x		x	x	x	x	x	x	x	x	x	x	x	x	x			

Show-Me							St	and	ards	for	Tecl	hnol	ogic	al L	itera	су						
Standards Goal 1	;	Stanc	lard	9	5	Stand	lard 1	10		5	Stand	ard 1	1		5	Stand	ard 1	2	S	tand	ard 1	3
	ı	J	K	L	I	J	K	L	М	N	0	Р	Q	R	М	N	0	Р	J	K	L	М
Goal 1: Acquire the knowledge & skills to gather, analyze & apply informative ideas							_						_	_		_	_					
Develop questions & ideas to initiate & refine research	х				X	X	X	X											х	X	Х	
Conduct research to answer questions & evaluate information & ideas	х				х	х	х	х											Х	X	X	
Design & conduct field & laboratory investigations to study nature & society	X				х	х	х	х											х	X	X	
Use technological tools & other resources to locate, select & organize information	x				х	х	X	X										x	X	X	X	
5. Comprehend & evaluate written, visual & oral presentations & works	X	X			х	х	X	X											X	X	X	
Discover & evaluate patterns & relationships in information, ideas & structures	x				x	х	X	X											X	X	X	
7. Evaluate accuracy of information & reliability of sources	Х				X	X	X	X											X	X	X	
Organize data, information & ideas into useful forms (including charts, graphs, out-lines) for analysis or presentation	x				x	x	x	x										x	x	x	x	
Identify, analyze & compare institutions, traditions & art forms of past & present societies	x	x			х	х	х	х											х	x	x	
Apply acquired information, ideas & skills to different contexts as students, workers, citizens & consumers	x				x	x	x	x										x	x	x	x	

Show-Me							St	and	ards	for	Tec	hnol	ogic	al L	itera	су						
Standards Goal 1		ndar			Stand					ndar				S	tand	ard 1	17		5	Stand	lard 1	18
	K	L	М	K	L	М	N	J	K	L	М	N	L	М	N	0	Р	Q	J	K	L	М
Goal 1: Acquire the knowledge & skills to gather, analyze & apply informative ideas																						
Develop questions & ideas to initiate & refine research								X	Х	х	X											X
Conduct research to answer questions & evaluate information & ideas								х	х	X	х		х									х
Design & conduct field & laboratory investigations to study nature & society								х	X	x	х											x
Use technological tools & other resources to locate, select & organize information								х	х	x	х		x									X
Comprehend & evaluate written, visual & oral presenta- tions & works								х	х	X	х		х									X
Discover & evaluate patterns * relationships in information, ideas & structures								X	x	x	x							X				X
7. Evaluate accuracy of information & reliability of sources								Х	Х	Х	Х		Х					Х				Х
Organize data, information & ideas into useful forms (including charts, graphs, out-lines) for analysis or presentation								x	x	x	x		x					x				x
Identify, analyze & compare institutions, traditions & art forms of past & present societies								х	х	х	х											х
Apply acquired information, ideas & skills to different contexts as students, workers, citizens & consumers								x	x	x	x							x				x

Show-Me							St	anda	ards	for	Tec	hnol	ogic	al Li	tera	су			
Standards Goal 1			Sta	ndar	d 19				Sta	ndar	d 20								
Standards Goal 1	L	М	N	0	Р	Q	R	J	K	L	М	N							
Goal 1: Acquire the knowledge & skills to gather, analyze & apply informative ideas																			
Develop questions & ideas to initiate & refine research	X	X	х				X		Х	х	X								
Conduct research to answer questions & evaluate information & ideas	X	X	х				х		х	х									
Design & conduct field & laboratory investigations to study nature & society		х						х	х	х									
Use technological tools & other resources to locate, select & organize information	Х	х	х				х	х	х	х	х								
Comprehend & evaluate written, visual & oral presentations & works	Х	х	х				х			х									
Discover & evaluate patterns & relationships in information, ideas & structures		X	X							x									
Evaluate accuracy of information & reliability of sources	Х	Х	Х				Х	Х	Х	Х	Х								
8. Organize data, information & ideas into useful forms (including charts, graphs, out-lines) for analysis or presentation	X	x	x				x	x	x	x									
Identify, analyze & compare institutions, traditions & art forms of past & present societies										x									
Apply acquired information, ideas & skills to different contexts as students, workers, citizens & consumers	x	x	x				x	x	x	x									

Show-Me							Sta	anda	rds f	or Te	chn	olog	ical	Liter	асу						
Standards Goal 2	Sta	andaı	d 1					Stand	dard 2	2					Stand	dard	3		Stand	dard 4	ļ
Standards Goal 2	J	K	M	W	Χ	Υ	Z	AA	BB	CC	DD	EE	FF	G	Н	I	J	Н	I	J	K
Goal 2: Acquire the knowledge & skills to communicate effectively within and beyond the classroom																					
Plan & make written, oral & visual presentations for a variety of purposes & audiences																					
Review & revise communications to improve accuracy & clarity																					
Exchange information, questions & ideas while recognizing the perspectives of others																					
Present perceptions & ideas regarding works of the arts, humanities & sciences																					
Perform or produce works in the fine and practical arts				x	х								X	х	х						х
Apply communication techniques to the job search & to the workplace				x																	
7. Use technological tools to exchange information and ideas				Х	Х																
Organize data, information & ideas into useful forms (including charts, graphs, out-lines) for analysis or presentation																					

Show-Me							St	and	ards	for	Tecl	nol	ogic	al L	itera	асу						
Standards Goal 2		(Stand	dard	5		Sta	anda	rd 6				Sta	ndar	'd 7					Stan	dard	8
Standards Goal 2	G	Н	I	J	K	L	Н	I	J	G	Н	I	J	K	L	М	N	0	Н	I	J	K
Goal 2: Acquire the knowledge & skills to communicate effectively within and beyond the classroom																						
Plan & make written, oral & visual presentations for a variety of purposes & audiences	X		x																x			
Review & revise communications to improve accuracy & clarity	X		х																х			
Exchange information, questions & ideas while recog- nizing the perspectives of others	X									х									х			
Present perceptions & ideas regarding works of the arts, humanities & sciences	X		X							х									X			
Perform or produce works in the fine and practical arts	X		X							х									X			
Apply communication techniques to the job search & to the workplace	X																		х			
7. Use technological tools to exchange information and ideas	X		Х							Х									Х			

Show-Me							Si	tand	ards	for	Tech	nol	ogic	al L	itera	су						
Standards Goal 2		Stand	lard 9	9	S	tand	lard	10		S	tand	ard 1	1		S	Stand	ard 1	2	S	tand	ard 1	3
Standards Goal 2	I	J	K	L	I	J	K	L	М	N	0	Р	Q	R	М	N	0	Р	J	K	L	М
Goal 2: Acquire the knowledge & skills to communicate effectively within and beyond the classroom																						
Plan & make written, oral & visual presentations for a variety of purposes & audiences														x	X				x			
Review & revise communications to improve accuracy & clarity		Х													X				х			
3. Exchange information, questions & ideas while recognizing the perspectives of others															X				х			
Present perceptions & ideas regarding works of the arts, humanities & sciences															X				х			
Perform or produce works in the fine and practical arts			X										х	Х	X			X	х			
Apply communication techniques to the job search & to the workplace															X				x			
7. Use technological tools to exchange information and ideas			X											Х	х			х	х			

Show-Me							St	anda	ards	for	Tecl	hnol	ogic	al Li	itera	асу						
Standards	Sta	ndar	d 14	S	Stand	lard 1	5		Sta	ndar	d 16			S	tand	lard 1	7		S	Stand	lard 1	8
Standards	K	L	М	K	L	М	N	J	K	L	М	N	L	М	N	0	Р	Q	J	K	L	М
Goal 2: Acquire the knowledge & skills to communicate effectively within and beyond the classroom																						
Plan & make written, oral & visual presentations for a variety of purposes & audiences													x					X				x
Review & revise communications to improve accuracy & clarity													х					х				x
3. Exchange information, questions & ideas while recognizing the perspectives of others													х									х
Present perceptions & ideas regarding works of the arts, humanities & sciences																						х
Perform or produce works in the fine and practical arts								X	Х	Х	Х	X	X					Х				х
Apply communication techniques to the job search & to the workplace													х									х
7. Use technological tools to exchange information and ideas								Х	х	х	х		х					Х				Х

Show-Me							St	anda	ards	for	Tecl	hnol	ogic	al Li	itera	асу						
Standards	Sta	ndar	d 14	S	Stand	lard 1	5		Sta	ndar	d 16			S	tand	lard 1	7		S	Stand	lard 1	18
Standards	K	L	М	K	L	М	N	J	K	L	М	N	L	М	N	0	Р	Q	J	K	L	М
Goal 2: Acquire the knowledge & skills to communicate effec-tively within and beyond the classroom																						
Plan & make written, oral & visual presentations for a variety of purposes & audiences													x					X				x
Review & revise communications to improve accuracy & clarity													х					х				х
3. Exchange information, questions & ideas while recognizing the perspectives of others													х									х
Present perceptions & ideas regarding works of the arts, humanities & sciences																						х
Perform or produce works in the fine and practical arts								X	х	Х	Х	Х	Х					Х				х
Apply communication techniques to the job search & to the workplace													х									x
7. Use technological tools to exchange information and ideas								Х	Х	х	Х		х					Х				х

Show-Me							Sta	anda	rds f	or Te	chn	olog	ical	Liter	асу						
Standards Goal 3	Sta	andar	'd 1					Stand	dard 2	2					Stand	dard	3		Stand	dard 4	
Standards Goal 3	J	K	М	W	Х	Υ	Z	AA	BB	CC	DD	EE	FF	G	Н	ı	J	Н	I	J	K
Goal 3: Acquire the knowledge & skills to recognize and solve problems									_												
Identify problems & define their scope & elements				X	X			X											х	х	
Develop & apply strategies based on ways others have prevented or solved problems				x															х		
Develop & apply strategies based on one's own experience in reinventing or solving problems				х															х		
Evaluate the processes used in recognizing & solving problems				X															X		
Reason inductively from a set of specific facts & deductively from general premises				x					х										х		
Examine problems & proposed solutions from multiple perspectives				X														x	X		
Evaluate the extent to which a strategy addresses the problem				x									х					х	х		
Assess costs, benefits & other consequences of proposed solutions							X				x								x		

Show-Me							St	anda	ards	for	Tecl	nnol	logic	al L	itera	асу						
Standards Goal 3		;	Stand	dard	5		Sta	ndar	'd 6				Sta	andaı	d 7				;	Stand	dard	8
Standards Goal 3	G	Н	I	J	K	L	Н	ı	J	G	Н	I	J	K	L	М	N	0	Н	ı	J	K
Goal 3: Acquire the knowledge & skills to recognize and solve problems																						
Identify problems & define their scope & elements	X	x	х	X	X		X	х	X										х	х	х	
Develop & apply strategies based on ways others have prevented or solved problems	х	х	х	х	х		х	х	х										х			
Develop & apply strategies based on one's own experience in reinventing or solving problems	х	х	х	х	х		х	х	х										х			
Evaluate the processes used in recognizing & solving problems	х	х	х	х	х		х	х	х										х		х	х
Reason inductively from a set of specific facts & deductively from general premises	х	х	х	х	х		х	х	x										х		х	х
Examine problems & proposed solutions from multiple perspectives	x	X	x	x	x		x	x	x										x		x	x
Evaluate the extent to which a strategy addresses the problem	х	х	х	х	х		х	х	х										х			
Assess costs, benefits & other consequences of proposed solutions	х		x	х	x		x	x	x										x			

Show-Me							St	anda	ards	for	Tecl	nnol	ogic	al L	itera	су						
Standards Goal 3	;	Stand	dard	9	S	Stand	ard 1	0		S	Stand	ard 1	1		S	Stand	lard 1	2	5	Stand	ard 1	3
Standards Goar 5	ı	J	K	L	ı	J	K	L	М	N	0	Р	Q	R	М	N	0	Р	J	K	L	М
Goal 3: Acquire the knowledge & skills to recognize and solve problems																						
Identify problems & define their scope & elements					X				Х	х						X						х
Develop & apply strategies based on ways others have prevented or solved problems					x				x	x						x						x
Develop & apply strategies based on one's own experience in reinventing or solving problems					х				х	х						х						х
Evaluate the processes used in recognizing & solving problems		x			x				x	x						x		x				x
Reason inductively from a set of specific facts & deductively from general premises		х	х		х				x	х						x				х		х
Examine problems & proposed solutions from multiple perspectives		x	x		x				x	x						x						x
Evaluate the extent to which a strategy addresses the problem		х	х		х				х	х	х	х		х		х						х
8. Assess costs, benefits & other consequences of proposed solutions		x	x		x				x	x			x	x		x		x				X

Show-Me							St	anda	ards	for	Tecl	hnol	ogic	al L	itera	су						
Standards Goal 3	Sta	ndar	d 14	S	Stand	ard 1	5		Sta	ndar	d 16			S	tand	lard 1	7		S	tand	ard 1	8
Standards Goal 3	K	L	М	K	L	M	N	J	K	L	M	N	L	M	N	0	Р	Q	J	K	L	М
Goal 3: Acquire the knowledge & skills to recognize and solve problems																						
Identify problems & define their scope & elements								X	X	X	X	X						X				X
Develop & apply strategies based on ways others have prevented or solved problems								x	x	x	x	x										X
Develop & apply strategies based on one's own experience in reinventing or solving problems								х	х	х	х	х										x
Evaluate the processes used in recognizing & solving problems								x	x	x	x	x										х
Reason inductively from a set of specific facts & deductively from general premises								х	х	х	х	х										х
Examine problems & proposed solutions from multiple perspectives								x	x	x	x	x						x				X
Evaluate the extent to which a strategy addresses the problem								х	х	х	х	х						х				х
Assess costs, benefits & other consequences of proposed solutions								x	x	x	x	x						x				x

Show-Me							St	and	ards	for	Tec	hnol	ogic	al L	itera	асу						
Standards Goal 3	Sta	ndar	d 14	5	Stand	ard 1	5		Sta	ndar	d 16			S	Stand	lard 1	7		S	tand	ard 1	8
Standards Goal 3	K	L	М	K	L	М	N	J	K	L	М	N	L	M	N	0	Р	Q	J	K	L	М
Goal 3: Acquire the knowledge & skills to recognize and solve problems																						
Identify problems & define their scope & elements								X	X	X	X	X						X				X
Develop & apply strategies based on ways others have prevented or solved problems								x	x	x	x	x										x
Develop & apply strategies based on one's own experience in reinventing or solving problems								х	х	х	х	х										x
Evaluate the processes used in recognizing & solving problems								x	x	x	x	x										x
Reason inductively from a set of specific facts & deductively from general premises								х	х	х	х	х										x
Examine problems & proposed solutions from multiple perspectives								x	x	x	x	x						x				x
Evaluate the extent to which a strategy addresses the problem								х	х	х	х	х						х				X
Assess costs, benefits & other consequences of proposed solutions								x	x	x	x	x						x				X

Show-Me							St	and	ards	for	Tec	hnol	ogic	al L	itera	асу						
Standards Goal 3	Sta	ndar	d 14	5	Stand	ard 1	5		Sta	ndar	d 16			S	Stand	lard 1	7		S	tand	ard 1	8
Standards Goal 3	K	L	М	K	L	М	N	J	K	L	М	N	L	M	N	0	Р	Q	J	K	L	М
Goal 3: Acquire the knowledge & skills to recognize and solve problems																						
Identify problems & define their scope & elements								X	X	X	X	X						X				X
Develop & apply strategies based on ways others have prevented or solved problems								x	x	x	x	x										x
Develop & apply strategies based on one's own experience in reinventing or solving problems								х	х	х	х	х										x
Evaluate the processes used in recognizing & solving problems								x	x	x	x	x										x
Reason inductively from a set of specific facts & deductively from general premises								х	х	х	х	х										x
Examine problems & proposed solutions from multiple perspectives								x	x	x	x	x						x				x
Evaluate the extent to which a strategy addresses the problem								х	х	х	х	х						х				X
Assess costs, benefits & other consequences of proposed solutions								x	x	x	x	x						x				X

Show-Me							St	anda	ards	for	Tecl	nnol	ogic	al L	itera	асу						
Standards Goal 4		,	Stan	dard	5		Sta	ndar	d 6				Sta	ndar	d 7					Stanc	dard	8
Standards Goal 4	G	Н	ı	J	K	L	Н	ı	J	G	Н	ı	J	K	L	М	N	0	Н	ı	J	K
Goal 4: Acquire the knowledge & skills to make decisions and act as responsible members of society																						
Explain reasoning & identify information used to support decisions		X			X																	
Understand & apply the rights responsibilities of citizenship in Missouri & the U.S.																						
Analyze the duties & responsibilities of individuals in society				х	х		х	х	х													
Recognize & practice honesty & integrity in academic work & in the workplace	X	X		x	x														X			
Develop, monitor & revise plans of action to meet deadlines and accomplish goals	X	X			X	X													x			
Identify tasks that require a coordinated effort & work with others to complete those tasks	x				X	X													x			
7. Identify & apply practices that preserve & enhance the safety & health of self & others	х	х		х	х														х			
8. Explore, prepare for & seek educational & job opportunities	X				X														Х			

Show-Me							St	anda	ards	for	Tecl	nol	ogic	al L	itera	су						
Standards Goal 4	;	Stand	dard	9	5	Stand	ard 1	0			Stand				S	Stand			S	Stand	ard 1	3
	ı	J	K	L	ı	J	K	L	M	N	0	Р	Q	R	M	N	0	Р	J	K	L	M
Goal 4: Acquire the knowledge & skills to make decisions and act as responsible members of society																						
Explain reasoning & identify information used to support decisions					x	x			x	x												x
Understand & apply the rights & responsibilities of citizenship in Missouri & the U.S.																						x
Analyze the duties & responsibilities of individuals in society				X																		х
Recognize & practice honesty & integrity in academic work & in the workplace				х	х																	Х
Develop, monitor & revise plans of action to meet deadlines and accomplish goals			x									X										X
Identify tasks that require a coordinated effort & work with others to complete those tasks			х		х																	Х
7. Identify & apply practices that preserve & enhance the safety & health of self & others			х	х									х			х	х					х
8. Explore, prepare for & seek educational & job opportunities																	X					

Show-Me							St	anda	ards	for	Tecl	hnol	ogic	al L	itera	су						
Standards Goal 4	Sta	ndar	d 14	S	Stand	ard 1	5		Sta	ndar	d 16			S	tand	ard 1	7		S	tand	ard 1	8
	K	L	М	K	L	М	N	J	K	L	М	N	L	М	N	0	Р	Q	J	K	L	М
Goal 4: Acquire the knowledge & skills to make decisions and act as responsible members of society																						
Explain reasoning & identify information used to support decisions								X	X	X	X											
Understand & apply the rights & responsibilities of citizenship in Missouri & the U.S.																						
Analyze the duties & responsibilities of individuals in society								x	x	X	x											
Recognize & practice honesty & integrity in academic work & in the workplace																		X				x
Develop, monitor & revise plans of action to meet deadlines and accomplish goals																		x				x
Identify tasks that require a coordinated effort & work with others to complete those tasks																		x				х
7. Identify & apply practices that preserve & enhance the safety & health of self & others								х	х	х	х	х	х					х				х
8. Explore, prepare for & seek educational & job opportunities								x	X	X	x	X	x					x				X

Show-Me							St	anda	ards	for	Tecl	hnol	ogic	al L	itera	су			
Standards Goal 4			Sta	ndar	d 19				Sta	ndar	d 20								
Standards Goal 4	L	М	N	0	Р	Q	R	J	K	L	M	N							
Goal 4: Acquire the knowledge & skills to make decisions and act as responsible members of society																			
Explain reasoning & identify information used to support decisions	X	X					x	X	x	x	x								
Understand & apply the rights responsibilities of citizenship in Missouri & the U.S.										х									
Analyze the duties & responsibilities of individuals in society	X							х											
Recognize & practice honesty & integrity in academic work & in the workplace	X		X				x		x	x	x								
Develop, monitor & revise plans of action to meet deadlines and accomplish goals	X						x		х	х	x	X							
Identify tasks that require a coordinated effort & work with others to complete those tasks	X						x	x	х	х	x	x							
7. Identify & apply practices that preserve & enhance the safety & health of self & others	X	х					х	х	х	х	х	х							
8. Explore, prepare for & seek educational & job opportunities	X	X					X		х	х									